

## Thinking and Reasoning Guide

### Domain Indicators:

- a. Acquires, organizes, and evaluates information to make informed decisions
- b. Integrates new learning with existing knowledge and experiences
- c. Uses inquiry and technological skills to research, expand, apply and connect knowledge.
- d. Applies multiple strategies to solve a variety of problems
- e. Generates new and creative ideas in a variety of contexts

Topic:

Level:

1. What is the problem? Clearly state your understanding of an issue or problem.
2. What information is available about the issue? How will you determine if the research you do is reliable? What research is relevant? How will you determine if you have enough information to make an informed decision?
3. What methods have been used to address the issue? What were the results?
4. What new approaches could be devised to solve the problem?
5. Which method is most appropriate for the current issue?
6. How will you evaluate the decision or solution selected?